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DATE:

September 25, 2003

PTO IDENTIFIER:

Application Number 09/824,906

Patent Number

Inventor:

Micheal L. GRUENBERG

MESSAGE TO:

Christina Chan - U.S. Patent and Trademark Office

FAX NUMBER:

(703) 746-5030

FROM:

MORRISON & FOERSTER LLP

Karen Zachow

PHONE:

(858) 720-5191

Attorney Dkt. #:

5491*7*2000113

PAGES (Including Cover Sheet): 15

CONTENTS:

Transmittal (1 page)

Communication (2 pages)

Copy of Response and associated papers mailed to the USPTO on Augsut 15, 2003 (11 pages).

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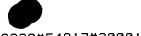
MORRISON & FOERSTER LLP

3811 Valley Centre Drive, Suite 500, San Diego, California 92130 Telephone: (858) 720-5100 Facsimile: (858) 720-5125



PTO/SB/21 (08-03)
Approved for use through 07/31/2006. OMB 0851-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM (to be used for all correspondence after initial fibrity) (to be used for all correspondence after initial fibrity) Total Number of Pages in This Submilission ENCLOSURES (Check all that apply) Fee Transmittal Form Fee Attached Antional Drawing(s) After Allowance Communication to Group Appeals and Interferences Antional Appeals and Interferences Appeals Appeals and Interferences Appeals Appeals and Interferences Appeals Appeal Communication to Board of Appeals and Interferences Appeals Appeal Communication to Board of Appeals Appeals Appeals and Interferences Appeals Appeal Communication Brown of Atterney, Revocation Conferences Conferences Conferences Conferences Appeals Appeals Conferences Conferences Conferences Conferences Appeals Appeals Conferences Conferences Conferences Appeals Appeals Conferences Conferences Conferences Conferences Conferences Appeals Appeals Conferences Co	U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.				
FIRST Named Inventor Micheal L. GRUENBERG Art Unit 1644 Examiner Name R. Schwadron Total Number of Pages in This Submission 14 Atterney Docket Number 549172000113 FINAL Submission 1544 Examiner Number 1549172000113 FINAL Submission 1544 Examiner Number 1549172000113	CATAGO UNO PERSONA MESULULUM ALS DE 1845, INV PRESONO SEE INCURSO DE 185				
Art Unix 1644 Examiner Name 1647	TRANSMITTAL		Filing Date	April 2, 2001	
Examiner Name R. Schwadron	FORM		First Named Inventor	Micheal L. GRUENBERG	
Examiner Name R. Schwadron Total Number of Pages in This Submission 14 Attorney Docket Number 549172000113 ENCLOSURES (Check all that apply) ENCLOSURES (Check all that apply) Fee Transmittal Form Drawing(s) After Allowance Communication to Group Appeal Communication to Board of Appeal Communication to Board of Appeal Communication to Group Provisional Application Deviation Deviat	(to be used for all correspondence after initial filling)		Art Unit	1644	
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Fee Attached Clicensing-related Papers	ENCLOSURES (Check all that apply)				
Amendment/Repty After Final Petition After Final Petition to Convert to a Provisional Application Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Cartified Copy of Priority Document(s) Response to Missing Parts Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 Appeals and Interferences Provisional Application Provisional Application Terminal Disclaimer X Interferences X Inter	Fee Transmittal Form	Drawing(s)			
Affler Final Provisional Application Proprietary Information Affler Final Provisional Application Proprietary Information Affler Final Provisional Application Proprietary Information Affler Final Provisional Application Power of Attorney, Revocation Change of Consepondence Address Extension of Time Request Terminal Disclaimer Express Abandonment Request Request for Refund Copy of Response and associated papers mailed to the USPTO on August 15, 2003 (11 pages) Cartified Copy of Priority Document(s) Response to Missing Parts under 37 CFR 1.52 or 1.53 Customer No. 25225 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Or Individual name MORRISON & FOERSTER LLP Karen Zachow - 46, 332 Signature Lawrence Supplication Date September 25, 2003	Fee Attached	Licensing-related Papers			
Provisional Application Provisional Appl	Amendment/Reply	Petition			
Extension of Time Request Express Abandonment Request Information Disclosure Statement Consumer of CD(s) Certified Copy of Priority Document(s) Response to Missing Parts Incomplete Application Response to Missing Parts Under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Film Or Individual name MORRISON & FOERSTER LLP Karen Zachow - 46,332 I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 748-5030, on the date shown below.	After Final			Proprietary Information	
Express Abandonment Request Information Disclosure Statement Copy of Response and associated papers mailed to the USPTO on August 15, 2003 (11 pages) Cartified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 Customer No. 25225 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm or Individual name MORRISON & FOERSTER LLP Karen Zachow - 46,332 Signature Date September 25, 2003 I hereby certify that this correspondence is being feosimile transmitted to the Patent and Trademark Office, facsimile no. (703) 748-5030, on the date shown below.	Affidavits/declaration(s)			Status Letter	
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I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 746-5030, on the date shown below.	Signature Kan Zulow				
5030, on the date shown below.	Date September 25, 2003				
5030, on the date shown below.					
Dated: (Michael Boyd)					



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Dated: 7-25-63 Signature:

Docket No.: 549172000113

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Micheal L. GRUENBERG

Application No.: 09/824,906

Art Unit: 1644

Filed: April 2, 2001

Examiner: R. Schwadron

For: AUTOLOGOUS IMMUNE CELL THERAPY:

CELL COMPOSITIONS, METHODS AND APPLICATIONS TO TREATMENT OF

HUMAN DISEASE

COMMUNICATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

The Office has informed the Applicants that the Response mailed August 15, 2003 has not been received by the PTO. Attached herewith is a copy of the Response mailed August 15, 2003 including a Certificate of Mailing by First Class Mail and a copy of the enclosed return postcard.

Applicants respectfully request entry of the Response.

SD-165903

Application No.: 09/824,906

2

Docket No.: 549172000113

In the event the U.S. Patent and Trademark Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing docket no. 549172000113. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: September 25, 2003

Respectfully submitted,

Karen Zachow

Registration No.: 46,332 MORRISON & FOERSTER LLP 3811 Valley Centre Drive, Suite 500 San Diego, California 92130

(858) 720-5191

Atty Docket No.: 549172000113

Inventor: Micheal L. GRUENBERG

Application No.: 09/824,906

Filing Date: April 2, 2001

Title: AUTOLOGOUS IMMUNE CELL THERAPY: CELL COMPOSITIONS. METHODS AND APPLICATIONS TO TREATMENT OF HUMAN DISEASE

Documents Filed: Transmittal (1 page)

Response to Communication (2 pages)

Revised "Attachment to the Preliminary Amendment Marked Up Paragraphs and Claims (37 CFR\$1.121)" (7 pages)

Via: First Class Wall
Sender's Initials: KHM1/mxb6

sd-160411

Date: August 15, 2003



MORRISON & FOERSTER LLP 3811 VALLEY CENTRE DRIVE SUITE 500 SAN DIEGO, CA 92130-2332



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Bond to a collection of information unless it displays a valid OMB control number. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of infor Application Number 09/824.906 TRANSMITTAL April 2, 2001 Filing Date Micheal L. GRUENBERG FORM First Named Inventor Art Unit (to be used for all correspondence after initial filing) R. Schwadron Examiner Name 549172000113 Attorney Docket Number Total Number of Pages in This Submission ENCLOSURES (check all that apply) After Allowance Communication Drawing(8) Fee Transmittal Form to Group Appeal Communication to Board of Licensing-related Papers Fee Attached Appeals and Interferences Appeal Communication to Group x Amendment/Reply (2 pages) (Appeal Notice, Brief, Reply Brief) Petition to Convert to a Provisional Proprietary Information After Final Application Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address X Other Enclosure(s) (please Terminal Disclaimer Extension of Time Request identify below): Revised "Attachment to the Request for Refund Express Abandonment Request Preliminary Amendment Marked Up Paragraphs and Claims (37 CFRS1.121)" CD, Number of CD(s) Information Disclosure Statement (7 pages) 2. Return postcard Certified Copy of Priority Document(s) Remarks Response to Missing Parts/ Incomplete Application Customer No. 25225 Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT MORRISON & FOERSTER LLP Kate H. Murashige - 29,959 Individual name att W. Mua Signature August 15, 2003 Date I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop Non-Fee Amandment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

(Michael Boyd)

Signature: _